



STATE OF NEVADA

Department of Conservation & Natural Resources

DIVISION OF ENVIRONMENTAL PROTECTION

Jim Gibbons, Governor

Allen Biaggi, Director

Leo M. Drozdoff, P.E., Administrator

FACT SHEET

(pursuant to NAC 445A.236)

Permittee Name: Clark County Water Reclamation District (CCWRD)
5857 East Flamingo Road
Las Vegas, Nevada 89122

for the

Desert Breeze Water Resource Center
8320 West Flamingo Road
Las Vegas, Nevada 89149

Section 16, T.21S., R.60E. MDB&M
Latitude: 36B 06' 53"N.; Longitude: 115B 16' 20"W.

Permit Number: NEV2001509

General: The facility wastewater treatment process consists of screening, grit removal, flow equalization, activated sludge biological process, filtration via traveling bridge filters, providing tertiary treatment, and UV disinfection supplemented with sodium hypochlorite to ensure that Total Coliform limits are met. The treated effluent is discharged to a wet well/1.2 million gallon storage reservoir owned and operated by Las Vegas Valley Water District (LVVWD). The LVVWD provides additional chlorination prior to distribution to reuse sites such as golf courses, parks and schools for turf and landscape irrigation. If during the seasonal period of the winter when there could be the possibility of insufficient demand for reuse water, the Permittee may discharge treated effluent to the sanitary sewer system of the Clark County Water Reclamation District Central Plant (NV0021261) for treatment. Sludge generated by the facility is discharged to the sanitary sewer for treatment at the CCWRD Central Plant.

Receiving Water Characteristics: The receiving water is groundwater in the Las Vegas Valley via landscape irrigation. The depth to water in this area is approximately 500 feet and impacts from effluent reuse are not expected. Each reuse site or storage facility is/will be permitted prior to receiving effluent.

Characteristics: The facility treats sanitary sewage from domestic sources.

Flow: The treatment plant is designed to treat 5 MGD. The permit flow limit for the 30-Day Average is 4.9 MGD.

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Qualities: The facility is designed to produce a discharge quality for BOD₅ and TSS of <10 mg/L each. The Total Coliform limit is 2.2 MPN/100 ml or less. (MPN = Most Probable Number)

Procedures for Public Comment:

The Notice of the Division's intent to reissue a permit authorizing the facility to discharge to the groundwater of the State of Nevada subject to the conditions contained within the permit, is being sent to the **Las Vegas Review-Journal** for publication. The notice is being mailed to interested persons on our mailing list. Anyone wishing to comment on the proposed permit can do so in writing for a period of 30 days following the date of publication of the public notice, by January 20, 2007. The comment period can be extended at the discretion of the Administrator.